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Mouse anti GST-Tag mAb

货号: AYC25124

产品信息

反应	All
宿主	Mouse
克隆性	Monoclonal
预测反应	**WB:** Oryza sativa , Nicotiana benthamiana , Homo sapiens , Other , Arabidopsis thaliana , Caenorhabditis elegans , Glycine max , Botrytis cinerea , Escherichia coli , Mus musculus , Yeast , Ctenopharyngodon idellus , Sus scrofa , grass carp , Gallus gallus **IP:** Oryza sativa , Helicoverpa armigera , Mus musculus , Other , Ctenopharyngodon idellus **无:** Lycopersicon esculentum **CHIP:** Glycine max **EMSA:** Arabidopsis thaliana **Co-IP:** Ctenopharyngodon idellus , Other **Protein pulldown:** Arabidopsis thaliana **CoIP:** B. napus **ELISA:** Mus musculus,Rattus norvegicus,Oyster **IF:** Mus musculus,Rattus norvegicus,Oyster **ELISA assay:** Homo sapiens
应用	WB IP
推荐浓度	**WB:** 1:2000 - 1:5000 **IP:** 1:500 - 1:1000
理论分子量	26kDa
实测分子量	27kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 1.5% BSA, 50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	GST-Tag
细胞定位	
纯化	Affinity purification

抗原信息

抗原信息	Recombinant protein containing a sequence corresponding to amino acids 1-218 of GST protein.

靶点信息

研究背景	Glutathione S-transferases (GSTs), previously known as ligandins, comprise a family of eukaryotic and prokaryotic phase II metabolic isozymes best known for their ability to catalyze the conjugation of the reduced form of glutathione (GSH) to xenobiotic substrates for the purpose of detoxification. The GST family consists of three superfamilies: the cytosolic, mitochondrial, and microsomal—also known as MAPEG—proteins. Members of the GST superfamily are extremely diverse in amino acid sequence, and a large fraction of the sequences deposited in public databases are of unknown function. The Enzyme Function Initiative (EFI) is using GSTs as a model superfamily to identify new GST functions.A GST-tag is often used to separate and purify proteins that contain the GST-fusion protein. The tag is 220 amino acids (roughly 26 KDa) in size, which, compared to tags such as the Myc-tag or the FLAG-tag, is quite large. It can be fused to either the N-terminus or C-terminus of a protein. However, many commercially available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.
基因ID	
基因名	
Swiss	
别名	GST,GST tag,GST-tag,Mouse anti GST-Tag mAb

产品验证

实验步骤

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